Sesam

Robust radio remote control for industrial and mobile applications

NAME: Sesam 800 Keyring.
SPECIALITY: Radio remote c
for garage door.
READY FOR MISSION: 2013

NAME: Sesam 800 Large 99.
SPECIALITY: Radio remote control
for 999 industrial doors.
READY FOR MISSION: 2013

NAME: Sesam 800 Small 6.
SPECIALITY: Radio remote control
for conveyor.
READY FOR MISSION: 2013

ÅKERSTRÖMS

Sesam 800 Configurable is a robust, configurable radio control system for industrial and mobile applications. The system is suitable for an infinite range of applications. Some common usage areas include conveyor belts, water pumps, anchor gears and various on and off functions for lighting, fans, etc.

Robust and durable

Sesam 800 Configurable consists of two transmitter models, one with a customisable layout, and one receiver. The transmitters are very easy to use. Their robust and durable design is equipped with a rubber edge guard that provides shock resistance. The transmitters and receiver are of class IP67, and can be exposed to dust, humidity, and water without interruption. The transmitters have separate, easy-to-push buttons of high quality that can manage more than 1 million button presses.

Automatic frequency selection and six configurable buttons

Sesam 800 Configurable utilizes the 869 MHz frequency band with 12-channel automatic frequency selection. The system has six configurable functions that can be programmed for immediate/persistent functions. It is very easy to use and incorporates modern digital technology.

Rapid response time

Response time in the system is very quick due to duplex communication between the transmitter and receiver. This two-way technology enables a relay feedback indicator on the transmitter that turns green during active communication with the application. Checksums ensure error-free message transmission.

Receiver with six high-side solid-state relays

The receiver is equipped with six high-side solid-state relay switches, a fiber-glass reinforced enclosure, and a diaphragm vent, that enables it to be used in extreme environments that put high requirements on tolerances for shock, vibration and more.

SESAM 800 Configurable

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Sesam 800 Configurable — Transmitters

The transmitters are highly robust, easy to use, and available in two models: one with a 1-6 layout, and one with a blank layout where it is possible to customize the symbols on the button frame. A frame label with standard symbols is always included. The transmitters have separate, easy-to-push buttons of high quality that can manage more than 1 million button presses. They are sturdily designed, with a shock-resistant edge guard. Each transmitter is class IP67, and can be exposed to extreme environments with dust, humidity and water without interruption.

SESAM 800 Configurable 1-6

Number of functions/buttons: 6	Current consumption: 25mA at 12V DC
Supply voltage: 3V (2xAA)	Protection class: IP67
Temperature range: -25°C to +70°C	Size: 100 x 60 x 25 mm
Frequency: 869.700-870.000 MHz, 12 channels, GMSK	Weight: 130 g (incl. batteries)
Output power: Max 5 mW	

Art. no.
Sesam 800 Configurable 1-6:   947046-000

SESAM 800 Configurable (custom frame layout)

Number of functions/buttons: 6	Current consumption: 25mA at 12V DC
Supply voltage: 3V (2xAA)	Protection class: IP67
Temperature range: -25°C to +70°C	Size: 100 x 60 x 25 mm
Frequency: 869.700-870.000 MHz, 12 channels, GMSK	Weight: 130 g (incl. batteries)
Output power: Max 5 mW	

Art. No.
Sesam 800 Config, blank layout: 947040-001
(Delivered with a standard layout label)
Sesam 800 Config, custom layout: 947040-002

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Sesam 800 Configurable— Receiver

The Sesam 800 Configurable receiver is equipped with six high-side solid-state relays, which provide five motion functions through the main relay switch and one additional function. It comes with a fiber-glass reinforced enclosure, equipped with a diaphragm vent, and designed to be used in extreme environments that have high requirements on tolerances for shock, vibration and more. The receiver has a built-in antenna and uses two-way (duplex) communication.

SESAM 800 Configurable RX

Number of relays:
Six intelligent 10-24V DC high-side solid-state switches 3A continuous (4A peak) with short-circuit protection and current-limited.

Frequency:
869.700-870.000 MHz,
12 channels, GMSK

Supply voltage:
10-24V DC or 230V AC with a separate relay box

Current consumption:
25mA at 12V DC

Output power:
Max 5W

Temperature range:
-25°C to +70°C

Protection class:
IP67

Size:
120 x 90 x 50 mm

Weight:
350 g

Antenna:
Internal

Compliance:
IP67 EN 60529, Vibration EN 60068-2-6, Shock EN 60068-2-27

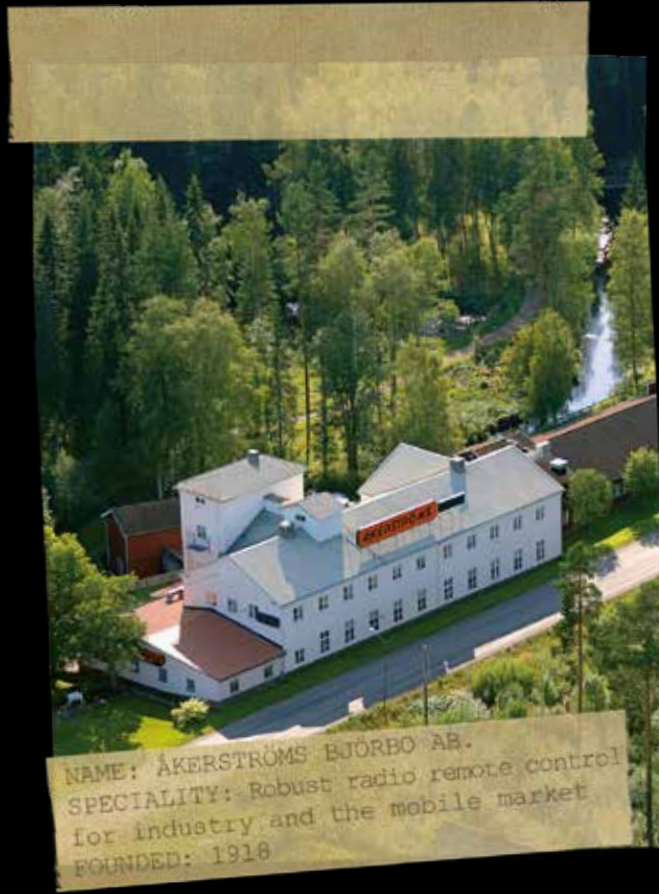**Radio compliance:**
R&TTE Directive 99/5EC

Art. No.
Sesam 800 Configurable RX: 947051-000
Relay box for 230V including relay: 947394-000

NAME: ÅKERSTRÖMS BJÖRBO AB.
SPECIALITY: Robust radio remote control
for industry and the mobile market
FOUNDED: 1918